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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/421,506DATE: 10/28/1999
TIME: 13:52:02

Input Set: I421506.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

ENTERED

1 <110> APPLICANT: ALBANI, SALVATORE
2 <120> TITLE OF INVENTION: METHODS FOR ISOLATION, QUANTIFICATION, CHARACTERIZATION
3 AND MODULATION OF ANTIGEN-SPECIFIC T CELLS
4 <130> FILE REFERENCE: 246/285
5 <140> CURRENT APPLICATION NUMBER: US/09/421,506
6 <141> CURRENT FILING DATE: 1999-10-20
7 <150> EARLIER APPLICATION NUMBER: 60/105,018
8 <151> EARLIER FILING DATE: 1998-10-20
9 <160> NUMBER OF SEQ ID NOS: 14
10 <170> SOFTWARE: FastSEQ for Windows Version 3.0
11 <210> SEQ ID NO 1
12 <211> LENGTH: 17
13 <212> TYPE: PRT
14 <213> ORGANISM: Artificial Sequence
15 <220> FEATURE:
16 <223> OTHER INFORMATION: Synthesized peptide derived from third hyper V
17 region of IE molecule Mus musculus
18 <400> SEQUENCE: 1
19 Ala Ser Phe Glu Ala Gln Gly Ala Leu Ala Asn Ile Ala Val Asp Lys
20 1 5 10 15
21 Ala
22 <210> SEQ ID NO 2
23 <211> LENGTH: 15
24 <212> TYPE: PRT
25 <213> ORGANISM: Artificial Sequence
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Synthesized peptide derived from the boe I protein
28 of Epstein Barr virus
29 <400> SEQUENCE: 2
30 Thr Arg Asp Asp Ala Glu Tyr Leu Leu Gly Arg Glu Ser Val Leu
31 1 5 10 15
32 <210> SEQ ID NO 3
33 <211> LENGTH: 16
34 <212> TYPE: PRT
35 <213> ORGANISM: Artificial Sequence
36 <220> FEATURE:
37 <223> OTHER INFORMATION: Synthesized peptide derived from the hemophilus
38 influenza virus
39 <400> SEQUENCE: 3
40 Thr Ser Phe Pro Met Arg Gly Asp Leu Ala Lys Arg Glu Pro Asp Lys
41 1 5 10 15
42 <210> SEQ ID NO 4
43 <211> LENGTH: 36
44 <212> TYPE: PRT

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45 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Synthesized peptide derived from the TCR receptor gene
48     of Mus musculus
49 <400> SEQUENCE: 4
50     Leu His Ile Ser Ala Val Asp Pro Glu Asp Ser Ala Val Tyr Phe Cys
51         1             5             10             15
52     Ala Ser Ser Gln Glu Phe Phe Ser Ser Tyr Glu Gln Tyr Phe Gly Pro
53         20             25             30
54     Gly Thr Arg Leu
55         35
56 <210> SEQ ID NO 5
57 <211> LENGTH: 9
58 <212> TYPE: PRT
59 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: Synthesized peptide derived from the influenza virus
62 <400> SEQUENCE: 5
63     Gly Ile Leu Gly Phe Val Phe Thr Leu
64         1             5
65 <210> SEQ ID NO 6
66 <211> LENGTH: 9
67 <212> TYPE: PRT
68 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Synthesized peptide derived from the influenza virus
71 <400> SEQUENCE: 6
72     Val Lys Leu Gly Glu Phe Tyr Asn Gln
73         1             5
74 <210> SEQ ID NO 7
75 <211> LENGTH: 11
76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Synthesized peptide totally artificial
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Xaa in position 2 stands for cyclohexylalanine.
82 <400> SEQUENCE: 7
W--> 83     Lys Xaa Val Ala Ala Trp Thr Leu Lys Ala Ala
84         1             5             10
85 <210> SEQ ID NO 8
86 <211> LENGTH: 13
87 <212> TYPE: PRT
88 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Synthesized peptide derived from the influenza virus
91 <400> SEQUENCE: 8
92     Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr
93         1             5             10
94 <210> SEQ ID NO 9

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95 <211> LENGTH: 17
96 <212> TYPE: PRT
97 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Synthesized peptide derived from the ovalbumin
100 of Mus musculus
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104   Arg
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106 <211> LENGTH: 15
107 <212> TYPE: PRT
108 <213> ORGANISM: E. coli
109 <220> FEATURE:
110 <223> OTHER INFORMATION: dnaJp1 heat shock protein
111 <400> SEQUENCE: 10
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113       1             5             10             15
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115 <211> LENGTH: 15
116 <212> TYPE: PRT
117 <213> ORGANISM: Homo sapiens
118 <400> SEQUENCE: 11
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120       1             5             10             15
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123 <212> TYPE: PRT
124 <213> ORGANISM: Homo sapiens
125 <400> SEQUENCE: 12
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127       1             5
128 <210> SEQ ID NO 13
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137 <212> TYPE: PRT
138 <213> ORGANISM: Homo sapiens
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141       1             5             10
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VERIFICATION SUMMARY
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Line ? Error/Warning

Original Text

83 W "N" or "Xaa" used: Feature required

Lys Xaa Val Ala Ala Trp Thr Leu Lys Ala A